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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: March 22, 2002  (use as many sheets as necessary)				Application Number	
				Filing Date	July 14, 2003
				First Named Inventor	LI
				Group Art Unit	1616
				Examiner Name	Hartley
Sheet	1	of	11	Attorney Docket Number	1401S

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (# known)			
N-G	A1	2001/0034363	A1	U et al.	10/25/2001	
	A2	2002/0016285	A1	Bhatt et al.	02/07/2001	
	A3	4,358,166		Peterson et al.	10/26/1982	
	A4	4,942,184		Haugwitz et al.	07/17/1990	
	A5	4,943,579		Vishnuvajjala et al.	07/24/1990	
	A6	4,960,790		Stella et al.	10/02/1990	
	A7	5,059,699		Kingston et al.	10/22/1991	
	A8	5,087,816		Myers et al.	02/11/1992	
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	A10	5,219,584		Zalipsky et al.	08/15/1993	
	A11	5,340,817		Wall et al.	08/23/1994	
	A12	5,362,831		Mongelli	11/08/1994	
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	A17	5,489,525		Pastan	02/06/1996	
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	A19	5,569,720		Mongelli et al.	10/29/1996	
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	A24	5,626,862		Brem et al.	05/06/1997	
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	A26	5,641,803		Carretta et al.	06/24/1997	
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Examiner Signature		Date Considered	4/12/06
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				Examiner Name	Hartley
Sheet	2	of	11	Attorney Docket Number	1401S

U.S. PATENT DOCUMENTS					
		U.S. Patent Document			
N/E	A44	5,892,043		Tsujiyama et al.	04/06/1999
	A45	5,916,898		Wall et al.	06/29/1999
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	A52	6,218,387	B1	Jacob	04/17/2001
N/E	A53	6,262,107	B1	Li et al.	07/17/2001

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
N/E F	A54	WO	93/10121	A1	Hans (w/Abstract)	05/27/1993		
	A55	JP	5286868	A	Kiyoshi et al. (w/Abstract)	11/02/1993		
	A56	WO	95/03036	A1	Hunter et al.	02/02/1995		
	A57	WO	95/13053	A1	Straubinger et al.	05/18/1995		
	A58	EP	0589281	B1	Gasteler (w/Abstract) **	03/13/1996		
	A59	WO	98/25176	A1	Kunz et al.	08/22/1996		
	A60	EP	0558959	B1	Uedal et al.	04/16/1997		
	A61	WO	97/33552	A1	Li et al.	09/18/1997		
	A62	WO	99/17804	A1	Angelucci et al.	04/15/1999		
	A63	WO	99/49901	A1	Li et al.	10/07/1999		
N/E	A64	EP	0604910	B1	Golik et al.	06/14/2000		
	A65	WO	01/70275	A2	Bhatt et al.	09/27/2001		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>6</sup>
N/E	A66	BALOG ET AL., "Total Synthesis of (-) Epothilone A," <i>Angew. Chem. Int. Ed. Engl.</i> , Vol. 35, 1996, pp. 2801-2803 © VCH Verlagsgesellschaft mbH, Weinheim		
	A67	BARTOLI ET AL., "In Vitro and In Vivo Antitumoral Activity of Free, and Encapsulated Taxol," <i>J. Microencapsulation</i> , Vol. 7, 1990, pp. 191-197 © Taylor & Francis Ltd.		
	A68	BOM ET AL., "The Novel Siletecan 7-tert-Butyldimethylsilyl-10-hydroxycamptothecin Displays High Lipophilicity, Improved Human Blood Stability, and Potent Anticancer Activity," <i>Journal of Medicinal Chemistry</i> , Vol. 43, No. 21, 2000, pp. 3970-3980, © American Chemical Society		
N/E	A69	BORMAN, S., "Epothilone Epiphany: Total Syntheses," <i>C&amp;EN</i> , Vol. 74, 1996, pp. 24-26 © American Chemical Society		

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				Examiner Name	Hartley
Sheet	3	of	11	Attorney Docket Number	1401S

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
N.G.	A70	CAIOLFA ET AL., "Polymer-bound camptothecin: initial biodistribution and antitumor activity studies," <i>Journal of Controlled Release</i> , Vol. 65, 2000, pp. 105-119, © Elsevier Science B.V.		
	A71	CONOVER ET AL., "Camptothecin delivery systems: enhanced efficacy and tumor accumulation of camptothecin following its conjugation to polyethylene glycol via a glycine linker," <i>Cancer Chemother Pharmacol</i> , Vol. 42, 1998, pp. 407-414, © Springer-Verlag		
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	A80	DEUTSCH ET AL., "Synthesis of Congeners of Prodrugs. 3. Water-Soluble Prodrugs of Taxol with Potent Antitumor Activity," <i>J. Med. Chem.</i> , Vol. 32, 1989, pp. 788-792 © American Chemical Society		
	A81	DUNCAN ET AL., "Polymer-drug conjugates, PDEPT and PELT: basic principles for design and transfer from the Laboratory to Clinic," <i>Journal of Controlled Release</i> , Vol. 74, 2001, pp. 135-146, © Elsevier Science B.V.		
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Sheet 4 of 11	Attorney Docket Number	1401S	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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~	A83	FIDLER ET AL., "The Biology of Cancer Invasion and Metastasis," <i>Adv. Cancer Res.</i> , Vol. 28, 1978, pp. 149-250 © Academic Press, Inc.	
	A84	GILBERT ET AL., "Novel water soluble paclitaxel derivatives: Evaluation of PEG-paclitaxel's <i>in vitro</i> and <i>in vivo</i> effects," <i>Proc. Amer. Assoc. Cancer Res.</i> , Vol. 38, 1997, pg. 225, Abstract #1512	
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	A86	GREENWALD ET AL., "Camptothecin-20-PEG Ester Transport Forms: the Effect of Spacer Groups on Antitumor Activity," <i>Bioorganic &amp; Medicinal Chemistry</i> , Vol. 6, 1998, pp. 551-562, © Elsevier Science Ltd.	
	A87	GREENWALD ET AL., "Drug Delivery Systems. 2. Camptothecin 20-0-Poly(ethylene glycol) Ester Transport Forms," <i>J. Med. Chem.</i> , Vol. 39, 1996, pp. 1938-1940, © American Chemical Society	
	A88	GREENWALD ET AL., "Drug Delivery Systems: Water Soluble Taxol 2'-Poly(Ethylene Glycol) Ester Prodrugs-Design and <i>In Vivo</i> Effectiveness," <i>J. Med. Chem.</i> , Vol. 39, 1996, pp. 424-431 © American Chemical Society	
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~	A91	GREENWALD ET AL., "Stereoselective acylation of 20-(S)-camptothecin with amino acid derivatives using scandium triflate/DMAP," <i>Tetrahedron: Asymmetry</i> , Vol. 9, 1998, pp. 915-918, © Elsevier Science Ltd.	

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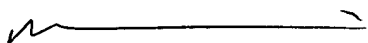
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NG	A92	GREENWALD, "Camptothecin-20-PEG Ester Transport Forms: the Effect of Spacer Groups on Antitumor Activity", <i>Bioorganic &amp; Medicinal Chemistry</i> , Vol. 6, 1998, pp. 551-562 © Elsevier Science Ltd.	
	A93	HIRANO ET AL., "Polymeric derivatives of activated cyclophosphamide as drug delivery systems in antitumor therapy pharmacologically active polymers, 20," <i>Makromol. Chem.</i> , Vol. 180, 1979, pp. 1125-1130 © Hüthig & Wepf Verlag, Basel, Heidelberg	
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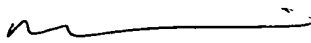
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N-C	A101	KOPECEK, "The potential of water-soluble polymeric carriers in targeted and site-specific drug delivery," <i>J. Controlled Release</i> , Vol. 11, 1990, pp. 279-290 © Elsevier Science Publishers B.V.	
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	A104	LI ET AL., "Complete Regression of Well-Established Tumors Using a Novel Water-Soluble Poly-(L-Glutamic Acid)-Paclitaxel Conjugate," <i>Cancer Research</i> , Vol. 58, 1998, pp. 2404-2409	
	A105	LI ET AL., "Synthesis and evaluation of PEG-paclitaxel conjugate as a water-soluble paclitaxel prodrug," <i>Proc. Amer. Assoc. Cancer Res.</i> , Vol. 37, 1996, p. 376, Abstract No. 2569	
	A106	LI ET AL., "Cytotoxic and antitumor activity of water-soluble paclitaxel prodrug," <i>Proc. Amer. Assoc. Cancer Res.</i> , Vol. 37, 1996, pp. 376-377, Abstract No. 2570	
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N-D	A109	LI ET AL., "Water-soluble polyglutamic acid paclitaxel conjugate (PGA-paclitaxel): antitumor regression in rats bearing 13762 mammary carcinoma," <i>American Association Pharmaceutical Scientists Meeting</i> , Vol. 13, 1996, p. S368	

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Sheet	7	of	11		
				July 14, 2003	LI
				1616	Hartley
					1401S

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N G	A110	LI ET AL., "Synthesis and evaluation of water-soluble polyethylene glycol-paclitaxel conjugate as a paclitaxel prodrug," <i>Anticancer Drugs</i> , Vol. 7, 1996, pp. 642-618		
	A111	LI ET AL., "Complete regression of well-established tumors using a novel water-soluble poly(L-glutamic acid)-paclitaxel conjugate," <i>Cancer Res</i> , Vol. 58, 1998, pp. 2404-2409		
	A112	LI ET AL., "Antitumor activity of Poly(L-glutamic acid)-Paclitaxel on syngeneic and xenografted tumors," <i>Proc Am Assoc Cancer Res</i> , Vol. 40, 1999, Abstract No. 1909		
	A113	LI ET AL., "Enhancement of tumor radioresponse of a murine ovarian carcinoma by poly(L-glutamic acid)-paclitaxel conjugate," <i>Ninth International Symposium on Recent Advances in Drug Delivery Systems</i> , 1999, Salt Lake City, UT		
	A114	LI ET AL., "Antitumor activity of Poly(L-glutamic acid)-Paclitaxel on syngeneic and xenografted tumors," <i>Clin Cancer Res</i> , Vol. 5, 1999, pp. 891-897		
	A115	LI ET AL., "Tumor irradiation enhances the tumor-specific distribution of poly(L-glutamic acid)-conjugated paclitaxel and its antitumor efficacy," <i>Clin Cancer Res</i> , Vol. 6, 2000, pp. 2829-2834		
	A116	LI ET AL., "Biodistribution of paclitaxel and poly(L-glutamic acid)-paclitaxel conjugate in mice with ovarian OCa-1 tumor," <i>Cancer Chemother Pharmacol</i> , Vol. 46, 2000, pp. 416-422 © Springer-Verlag		
	A117	LI ET AL., "Potentiation of ovarian OCa-1 tumor radioresponse by poly (L-glutamic acid)-paclitaxel conjugate," <i>Int.J Radiat. Oncol. Biol. Phys.</i> , Vol. 48, 2000, pp. 1119-1126 © Elsevier Science Inc.		
N G	A118	MAEDA ET AL., "Tumortropic and lymphotropic principles of macromolecular drugs," <i>Critical Reviews In Therapeutic Drug Carrier Systems</i> , Vol. 6, 1989, pp. 193-210 © CRC Press		

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	A120	MATHEW ET AL., "Synthesis and evaluation of some water-soluble prodrugs and derivatives of taxol with antitumor activity," J. Med. Chem., Vol. 35, 1992, pp. 145-151 © American Chemical Society	
	A121	MASON ET AL., "Poly (L-glutamic Acid)-paclitaxel dramatically enhances the anti-tumor efficacy of radiotherapy," AACR - NCI - EORTC, Vol. 397, 2001, Miami Beach, Florida	
	A122	MULTANI ET AL., "Paclitaxel and water-soluble poly (L-glutamic acid)-paclitaxel, induce direct chromosomal Abnormalities and cell death in a murine metastatic melanoma cell line," Anticancer Res, Vol. 17, 1997, pp. 4269-4274	
	A123	MORIMOTO ET AL., "Antitumor agent poly (amino acid) conjugates as a drug carrier in cancer chemotherapy," J. Pharm. Dyn., Vol. 7, 1984, pp. 688-698	
	A124	MOSMANN, "Rapid colorimetric assay for cellular growth and survival: application to proliferation and cytotoxic assay," J. Immunol. Methods, Vol. 65, 1983, pp. 55-63 © Elsevier Science Publishers B.V.	
	A125	OLIVER ET AL., "Suppression of collagen-induced arthritis using an angiogenesis inhibitor, AGM-1470, and a microtubule stabilizer, Taxol," Cellular Immunology, Vol. 157, 1994, pp. 291-299 © Academic Press, Inc.	
	A126	PESENTI ET AL., "Synthesis and biological activity of water soluble polymer-bound taxol derivatives," Proc. Amer. Assoc. Cancer Res., Vol. 36, 1995, p. 307, Abstract No. 1824.	
N.G.	A127	PHILLIPS-HUGHES ET AL., "Restenosis: pathophysiology and preventive strategies," JVIR, Vol. 7, 1996, pp. 321-333 © SCVIR	

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NG	A128	PRATESI ET AL., "Poly-L-Aspartic Acid as a Carrier for Doxorubicin: A Comparative <i>in vivo</i> Study of Free and Polymer-Bound Drug," <i>Br. J. Cancer</i> , Vol. 52, 1985, pp. 841-848 © The Macmillan Press Ltd.		
	A129	REYNOLDS ET AL., "Polymers help guide cancer drugs to tumor targets- and keep them there," <i>J. Natl. Cancer Institute</i> , Vol. 87, 1995, pp. 1582-1584		
	A130	ROSE ET AL., "Preclinical antitumor activity of water-soluble paclitaxel derivatives," <i>Cancer Chemother. Pharmacol.</i> , Vol. 39, 1997, pp. 488-492 © Springer Verlag		
	A131	SCUDIERO ET AL., "Evaluation of a soluble tetrazolium/formazan assay for cell growth and drug sensitivity in culture using human and other tumor cell lines," <i>Cancer Research</i> , Vol. 48, 1988, pp. 4827-4833		
	A132	SERRUYS ET AL., "A comparison of balloon-expandable-stent implantation with balloon angioplasty in patients with coronary artery disease," <i>N. Engl. J. Med.</i> , Vol. 331, 1994, pp. 489-495 © The Massachusetts Medical Society		
	A133	SHAFFER ET AL., "In vivo identification of monoglutamyl paclitaxel metabolite from poly-L-glutamic acid-paclitaxel (CT-2103) in tumor bearing mice," <i>Proceedings of the 49<sup>th</sup> ASMA Conference on Mass Spectrometry and Allied Topics</i> , A010970, 2001		
	A134	SHARMA ET AL., "Novel taxol formulations: preparation and characterization of taxol-containing liposomes," <i>Pharm. Res.</i> , Vol. 11, 1994, pp. 889-896 © Plenum Publishing Corp.		
	A135	SHI, "Poly (L-glutamic acid)-paclitaxel and paclitaxel have different pharmacological properties," <i>Proc. Amer. Assoc. for Cancer Research</i> , Vol. 39, 1998, p. 189, Abstract No. 1294		
NG	A136	SINGER ET AL., "Poly-L-Glutamic Acid Paclitaxel Conjugate (PG-TXL): A water-soluble biodegradable conjugate with decreased toxicity and enhanced efficacy," <i>4th International Symposium on Polymer Therapeutics</i> , 2000		

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W-G	A137	SINGER ET AL., "Conjugation of Camptothecins to Poly-(L-Glutamic Acid)," <i>Annals of the New York Academy of Sciences</i> , Vol. 922, 2000, pp. 135-150, © The New York Academy of Sciences		
	A138	TODD ET AL., "Phase I and pharmacological Study of CT-2103, a poly (L-glutamic Acid)-paclitaxel conjugate," <i>Journal of Clinical Oncology</i> , Vol. 439, 2001.		
	A139	VAN HEESWIJK ET AL., "The Synthesis and Characterization of Polypeptide-Adriamycin Conjugates and its Complexes with Adriamycin. Part 1, <i>Journal of Controlled Release</i> , Vol. 1, 1985, pp. 301-315 Elsevier Science Publishers B.V.		
	A140	VYAS ET AL., "Phosphate-activated prodrugs of paclitaxel," <i>Taxane Anticancer Agents</i> , Chapter 9, 1995, pp. 124-137 © American Chemical Society		
	A141	WADKINS ET AL., "Water Soluble 20(S)-Glycinate Esters of 10,11-Methylenedioxycamptothecins Are Highly Active Against Human Breast Cancer Xenografts" <i>Cancer Research</i> , Vol. 59, 1999, pp. 3424-3428		
	A142	WALL ET AL., "Plant Antitumor Agents. 30. <sup>1a,b</sup> Synthesis and Structure Activity of Novel Camptothecin Analogs," <i>Journal of Medicinal Chemistry</i> , Vol. 36, 1993, pp. 2689-2700, © American Chemical Society		
	A143	WANG ET AL., "Recent Advances in the Discovery and Development of Topoisomerase Inhibitors as Antitumor Agents," <i>Medicinal Research Reviews</i> , Vol. 17, 1997, pp. 367-425, © John Wiley & Sons, Inc.		
	A144	WEISS ET AL., "Hypersensitivity reactions from taxol," <i>J. Clin. Oncol.</i> , Vol. 8, 1990, pp. 1263-1268 © American Society of Clinical Oncology		
W-C	A145	WEN ET AL., "Potentiation of Antitumor Activity of PG-TXL with Anti-EGFR Monoclonal Antibody C225 in MDA-MB-468 Human Breast Cancer Xenograft," <i>Proc Am Assoc Cancer Res</i> , Vol. 41, 2000, Abstract No. 2052		

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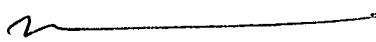
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NC	A146	YANG ET AL., "Application of surface-modified microcapsules to target estrogen receptors," <i>Pharm. Res.</i> , Vol. 9, 1992, p. S73, Abstract No. Biotec 2027	
	A147	YANG ET AL., "Diagnostic and therapeutic potential of poly(benzyl L-glutamate)," <i>J. Pharm. Sci.</i> , Vol. 83, 1994, pp. 328-331 © American Chemical Society and American Pharmaceutical Association	
	A148	YU, "Effect of polymer structure on antitumor activity of polyamino acid-paclitaxel conjugates," <i>Proc. Amer. Assoc. Cancer Research</i> , Vol. 39, 1998, p. 167, Abstract No. 1144	
	A149	ZHANG ET AL., "An investigation of the antitumor activity and biodistribution of polymeric micellar paclitaxel," <i>Cancer Chemother. Pharmacol.</i> , Vol. 40, 1997, pp. 80-86 © Springer-Verlag	
	A150	ZHAO ET AL., "Modified taxols. 6. preparation of water-soluble taxol phosphates," <i>J. Nat. Prod.</i> , Vol. 54, 1991, pp. 1607-1611	
	A151	ZHENG ET AL., "Deacetylation of Paclitaxel and Other Taxanes," <i>Tetrahedron Letters</i> , Vol. 36, 1995, pp. 2001-2004, © Elsevier Science Ltd.	
NC	A152	ZUNINO ET AL., "Anti-Tumor Activity of Daunorubicin Linked to Poly-L-Aspartic Acid," <i>Int. J. Cancer</i> , Vol. 30, 1982, pp. 465-470	

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